LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.822	661	669	677	rBV	54261	99478	0.17%	0.122%
2	7.010	696	701	709	rBV	58333	92824	0.16%	0.114%
3	7.469	771	779	787	rBV	570438	883422	1.49%	1.083%
4	8.192	896	902	909	rVB	48954	80419	0.14%	0.099%
5	8.263	909	914	926	rBV9	21826	59847	0.10%	0.073%
6	8.616	969	974	980	rBV	62707	95508	0.16%	0.117%
7	8.828	997	1010	1015	rBV6	22368	63556	0.11%	0.078%
8	9.328	1090	1095	1104	rVB	50005	81967	0.14%	0.100%
9	9.869	1180	1187	1193	rBV	75797	139951	0.24%	0.172%
10	10.139	1228	1233	1240	rBV5	35521	82961	0.14%	0.102%
11	10.228	1240	1248	1257	rVB	723924	1185957	2.00%	1.454%
12	10.392	1267	1276	1285	rVB4	45565	114515	0.19%	0.140%
13	10.645	1311	1319	1323	rBV7	34822	80485	0.14%	0.099%
14	11.092	1391	1395	1399	rVB5	39457	64443	0.11%	0.079%
15	11.628	1481	1486	1494	rVB6	27794	69856	0.12%	0.086%
16	11.845	1518	1523	1530	rBV4	55073	96770	0.16%	0.119%
17	11.910	1530	1534	1543	rVB4	29344	62019	0.10%	0.076%
18	12.051	1551	1558	1562	rBV2	101062	178350	0.30%	0.219%
19	12.245	1586	1591	1597	rVB2	52935	91456	0.15%	0.112%
20	12.451	1622	1626	1632	rVB6	50276	85371	0.14%	0.105%
21	12.769	1676	1680	1684	rBV5	42778	63644	0.11%	0.078%
22	12.839	1687	1692	1696	rBV	90529	150067	0.25%	0.184%
23	12.963	1709	1713	1724	rVB2	74336	155288	0.26%	0.190%
24	13.080	1729	1733	1738	rVB3	78556	116433	0.20%	0.143%
25	13.139	1738	1743	1750	rBV9	57231	126860	0.21%	0.155%
26	13.251	1758	1762	1765	rBV2	67254	92893	0.16%	0.114%
27	13.351	1776	1779	1784	rVB4	68522	95666	0.16%	0.117%
28	13.498	1799	1804	1807	rBV6	61576	105449	0.18%	0.129%
29	13.539	1807	1811	1817	rVV	225685	333091	0.56%	0.408%
30	13.604	1817	1822	1824	rVV5	36942	65145	0.11%	0.080%
31	13.633	1824	1827	1829	rVV	56852	72999	0.12%	0.089%
32	13.669	1830	1833	1838	rVV	76505	120745	0.20%	0.148%
33	13.804	1851	1856	1867	rVB	175408	342060	0.58%	0.419%
34	13.892	1867	1871	1876	rBV2	86425	130758	0.22%	0.160%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

35	13.951	1877	1881	1886	rBV6	62399	95757	0.16%	0.117%
36	14.051	1894	1898	1903	rBV2	121017	153284	0.26%	0.188%
37	14.116	1903	1909	1921	rVB	1045327	1659749	2.80%	2.034%
38	14.527	1976	1979	1987	rVB5	47243	115354	0.19%	0.141%
39	14.610	1989	1993	1996	rBV5	38960	68465	0.12%	0.084%
40	14.669	1997	2003	2008	rVV	685246	1009392	1.71%	1.237%
41	14.757	2008	2018	2023	rVV	2774971	4078450	6.89%	4.999%
42	14.798	2023	2025	2029	rVB3	151365	180317	0.30%	0.221%
43	14.892	2038	2041	2048	rVB8	55351	120759	0.20%	0.148%
44	15.010	2057	2061	2069	rBV3	136580	172399	0.29%	0.211%
45	15.080	2069	2073	2074	rVV4	54011	65345	0.11%	0.080%
46	15.116	2075	2079	2085	rVB	254197	368948	0.62%	0.452%
47	15.251	2098	2102	2104	rBV3	96069	123918	0.21%	0.152%
48	15.421	2123	2131	2135	rBV4	115057	247468	0.42%	0.303%
49	15.468	2136	2139	2143	rVV2	76531	98073	0.17%	0.120%
50	15.568	2153	2156	2163	rVB5	83671	119967	0.20%	0.147%
51	15.874	2204	2208	2211	rBV2	139524	174771	0.30%	0.214%
52	16.557	2313	2324	2328	rBV	31411140	59188776	100.00%	72.544%
53	16.663	2339	2342	2348	rVB2	164733	241617	0.41%	0.296%
54	16.827	2367	2370	2373	rBV	111255	137305	0.23%	0.168%
55	16.868	2373	2377	2382	rVB	1178728	1581639	2.67%	1.939%
56	16.968	2389	2394	2407	rBV2	375393	622124	1.05%	0.762%
57	17.404	2465	2468	2474	rVB	106934	130689	0.22%	0.160%
58	17.680	2511	2515	2519	rBV6	59190	84658	0.14%	0.104%
59	17.792	2531	2534	2537	rBV2	56297	71596	0.12%	0.088%
60	17.862	2543	2546	2551	rVB3	59723	76960	0.13%	0.094%
61	17.915	2552	2555	2562	rVV4	82801	146975	0.25%	0.180%
62	18.092	2582	2585	2590	rVB	145982	176537	0.30%	0.216%
63	18.739	2692	2695	2701	rVB2	58030	71191	0.12%	0.087%
64	18.939	2726	2729	2735	rBV7	36812	80134	0.14%	0.098%
65	19.268	2780	2785	2792	rBV	294623	405511	0.69%	0.497%
66	19.327	2792	2795	2800	rVB3	57720	84622	0.14%	0.104%
67	21.068	3086	3091	3099	rBV	1630579	1959424	3.31%	2.402%
68	23.180	3445	3450	3462	rVB	1177920	1998006	3.38%	2.449%

Sum of corrected areas: 81590433

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
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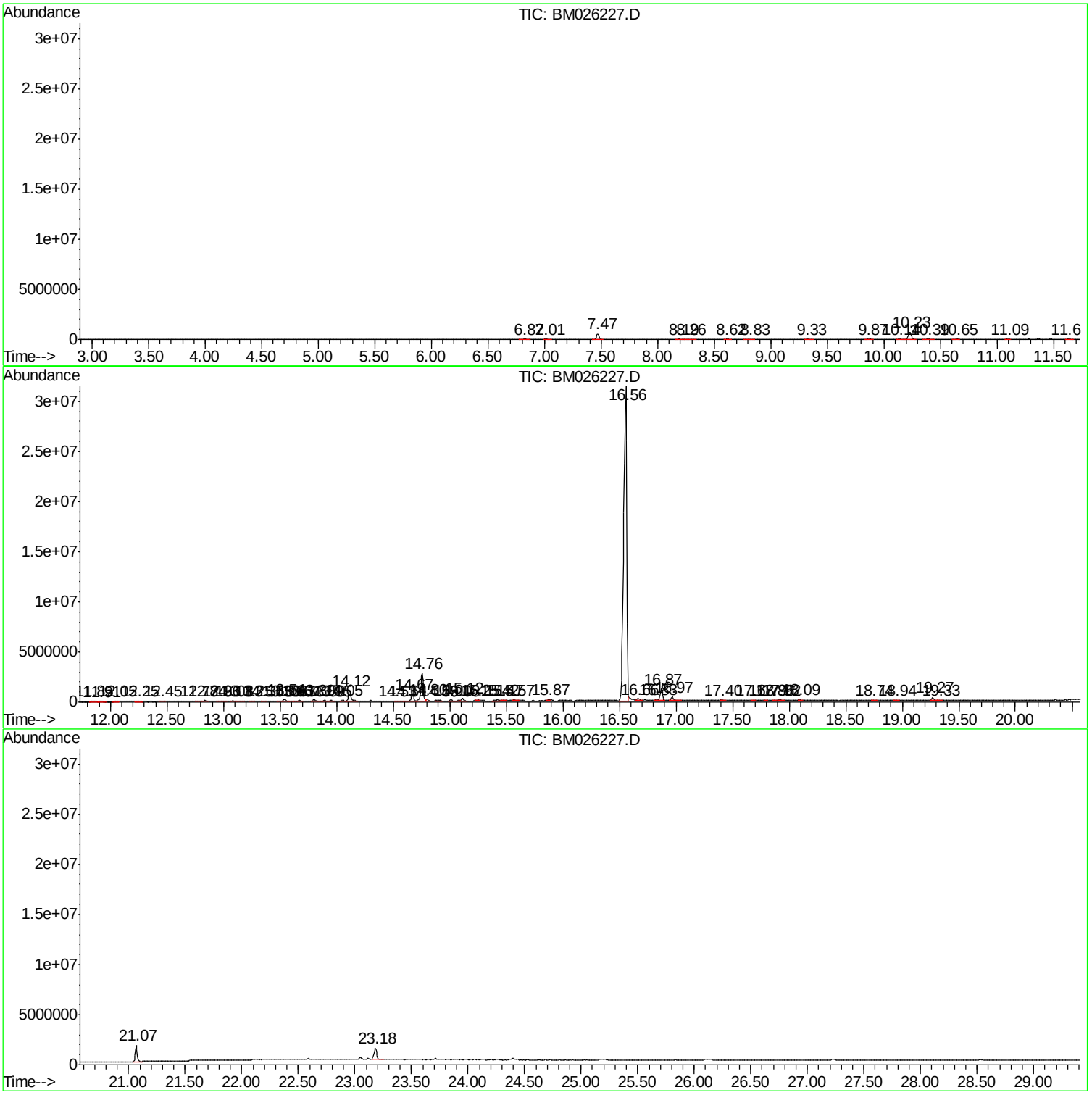
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

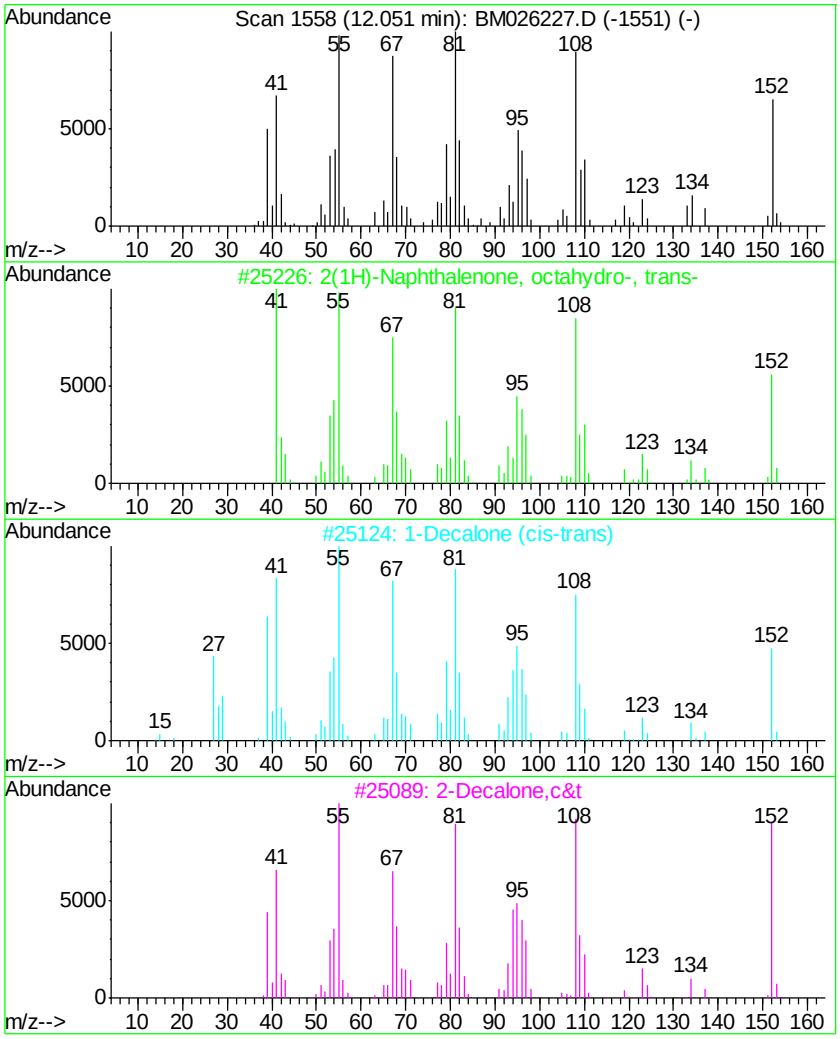
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

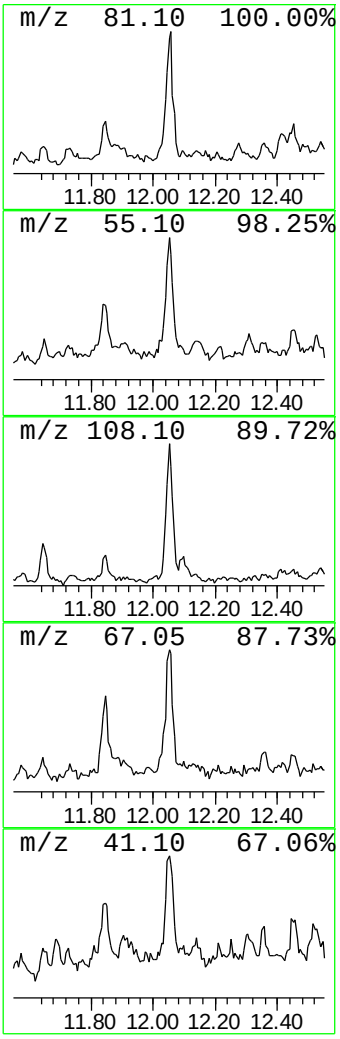
****

Peak Number 1 2(1H)-Naphthalenone, octahy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.01 ng/ul	178350	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	94
3	2-Decalone,c&t	152	C10H16O	004832-17-1	93
4	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	83
5	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

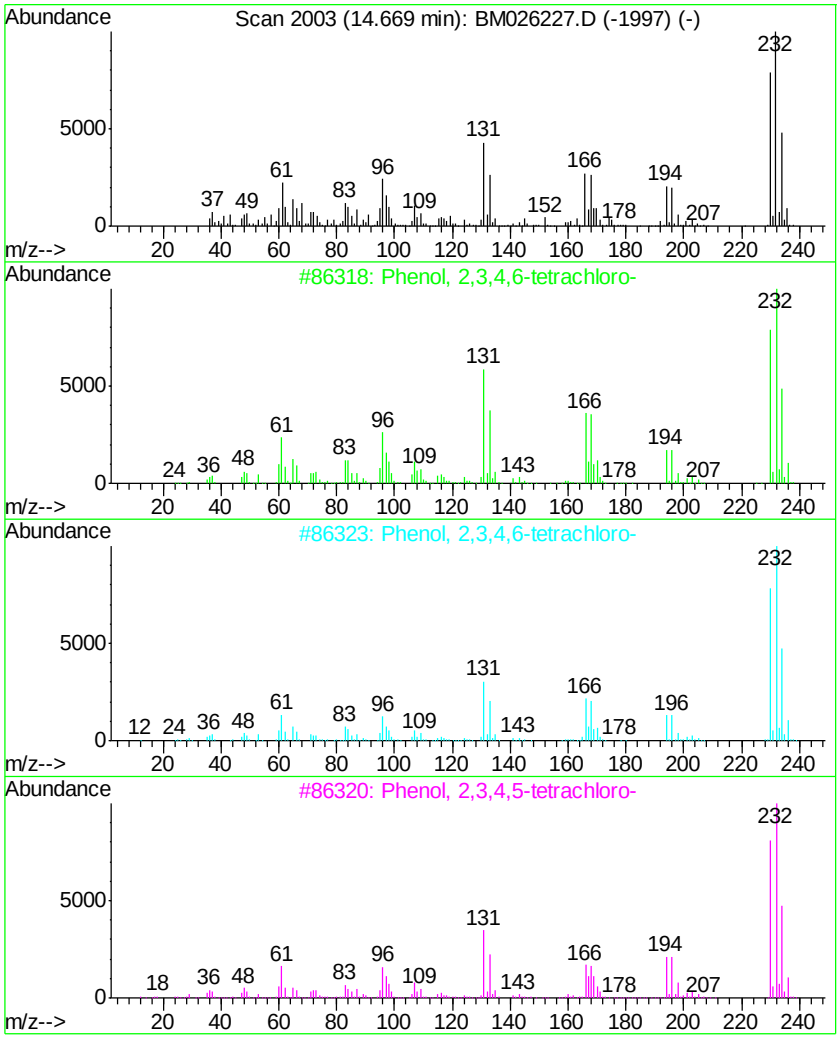
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

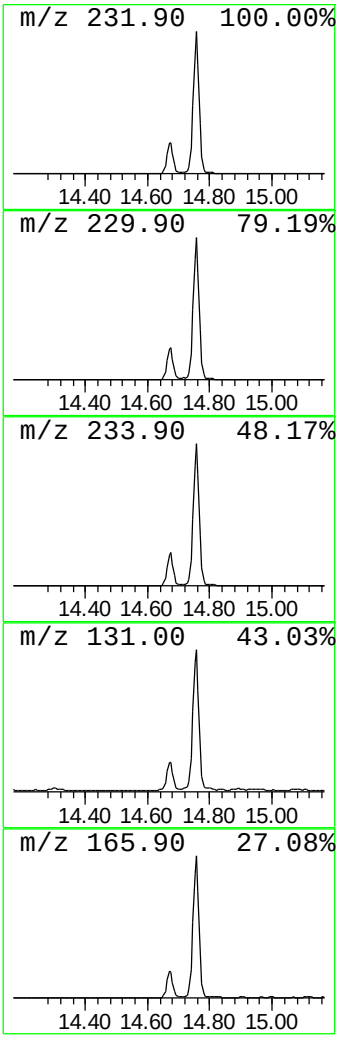
****

Peak Number 2 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	12.16 ng/ul	1009390	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

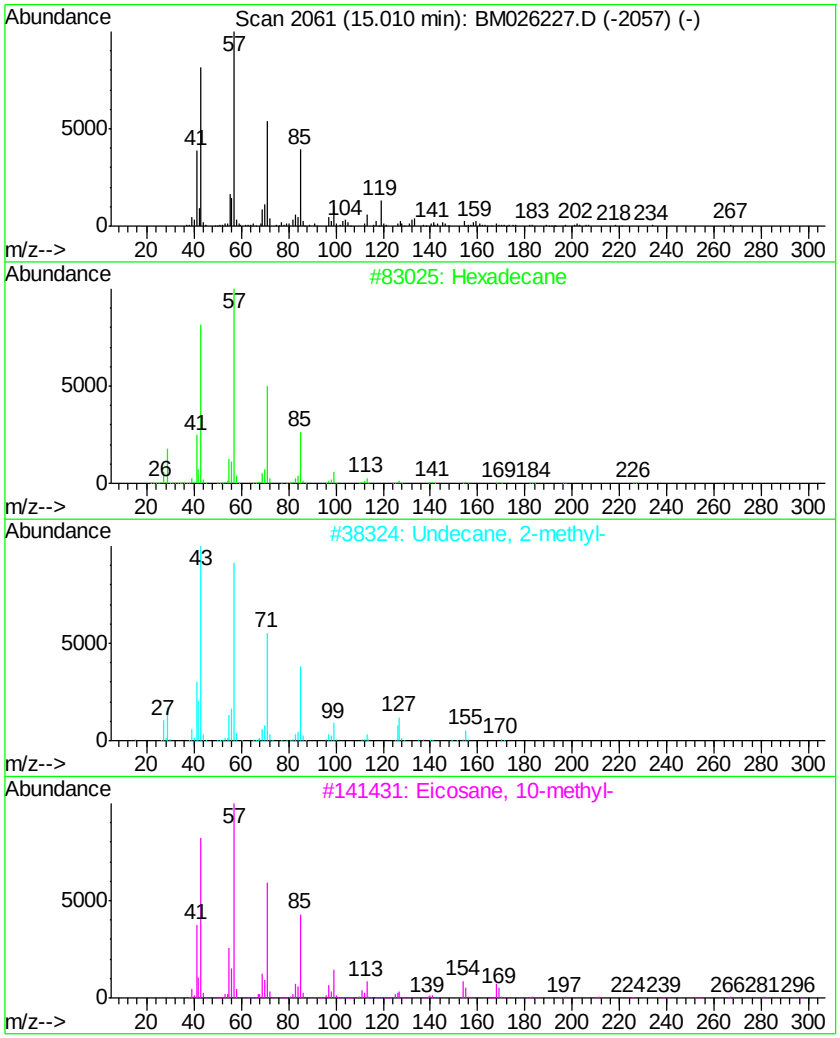
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

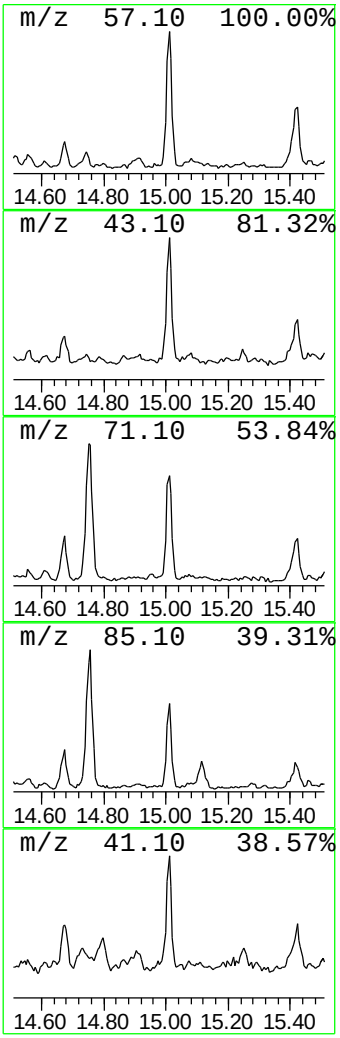
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.08 ng/ul	172399	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

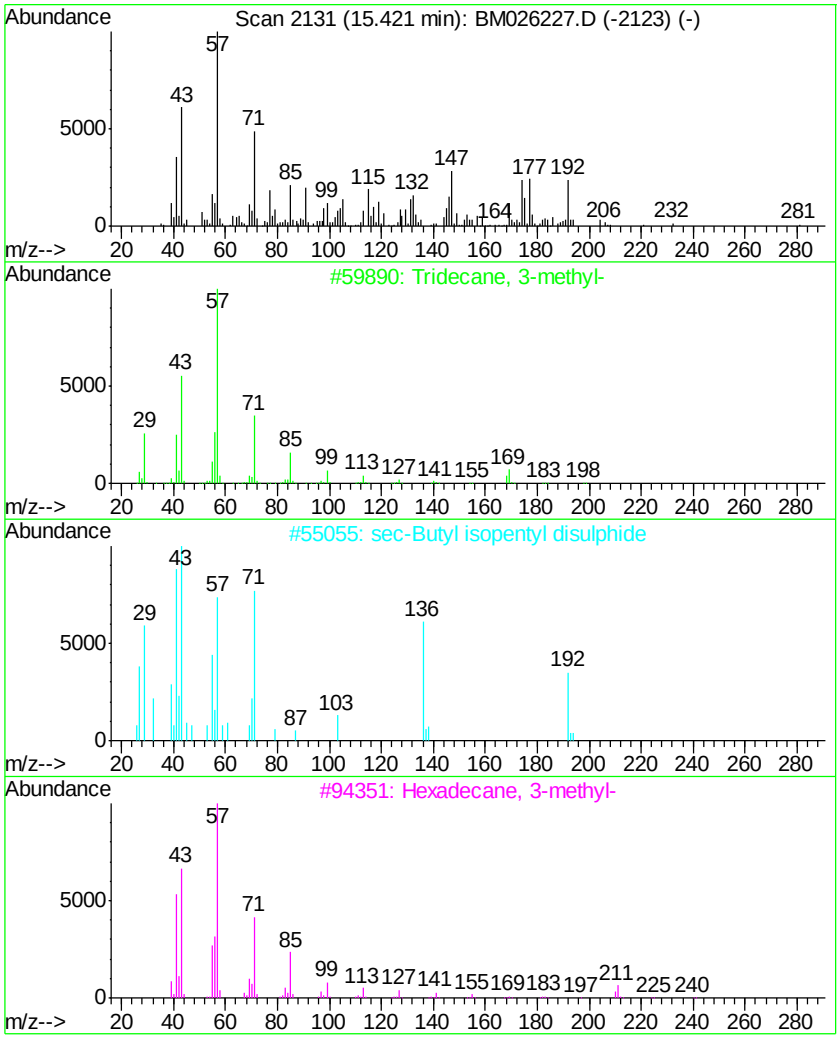
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

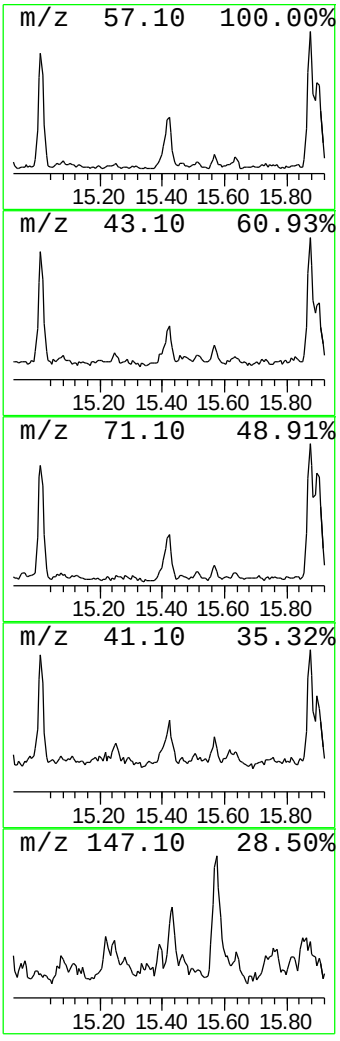
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.98 ng/ul	247468	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	27
2	sec-Butyl isopentyl disulphide	192	C9H20S2	075203-67-7	25
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	22
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22
5	Tetradecane	198	C14H30	000629-59-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

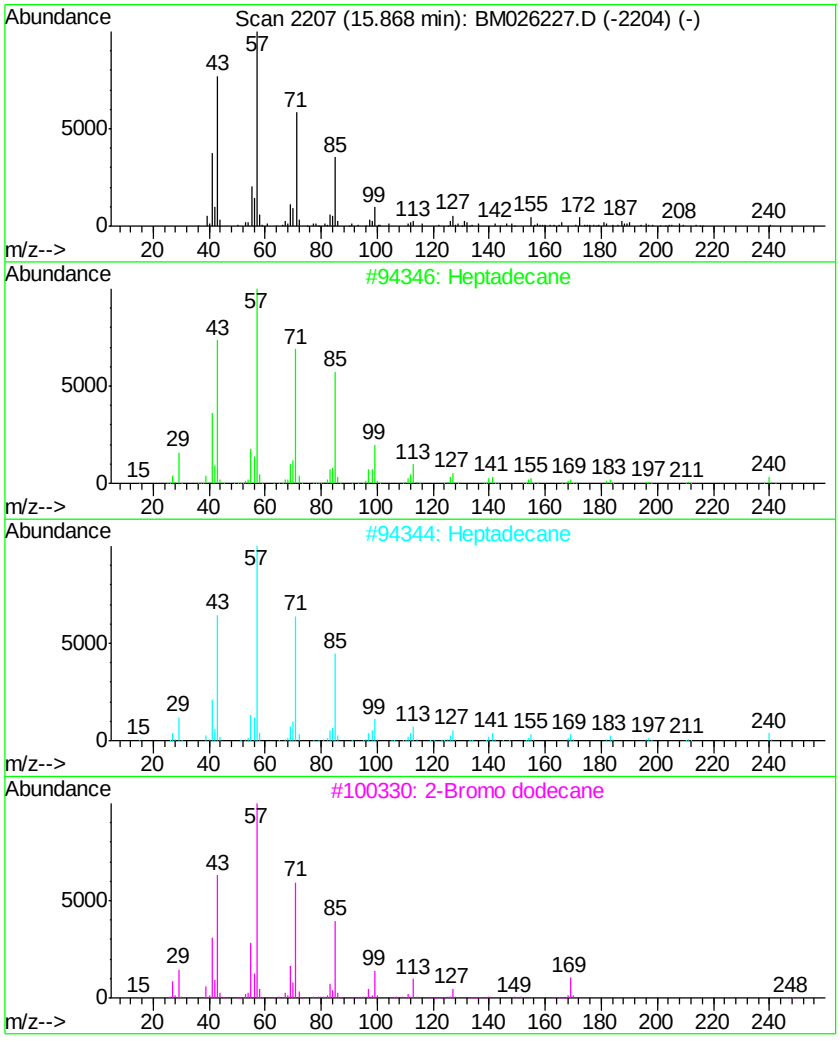
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

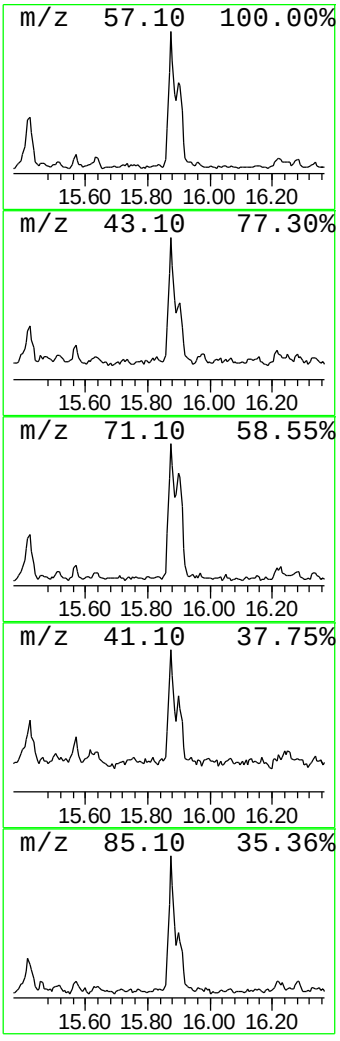
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.21 ng/ul	174771	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

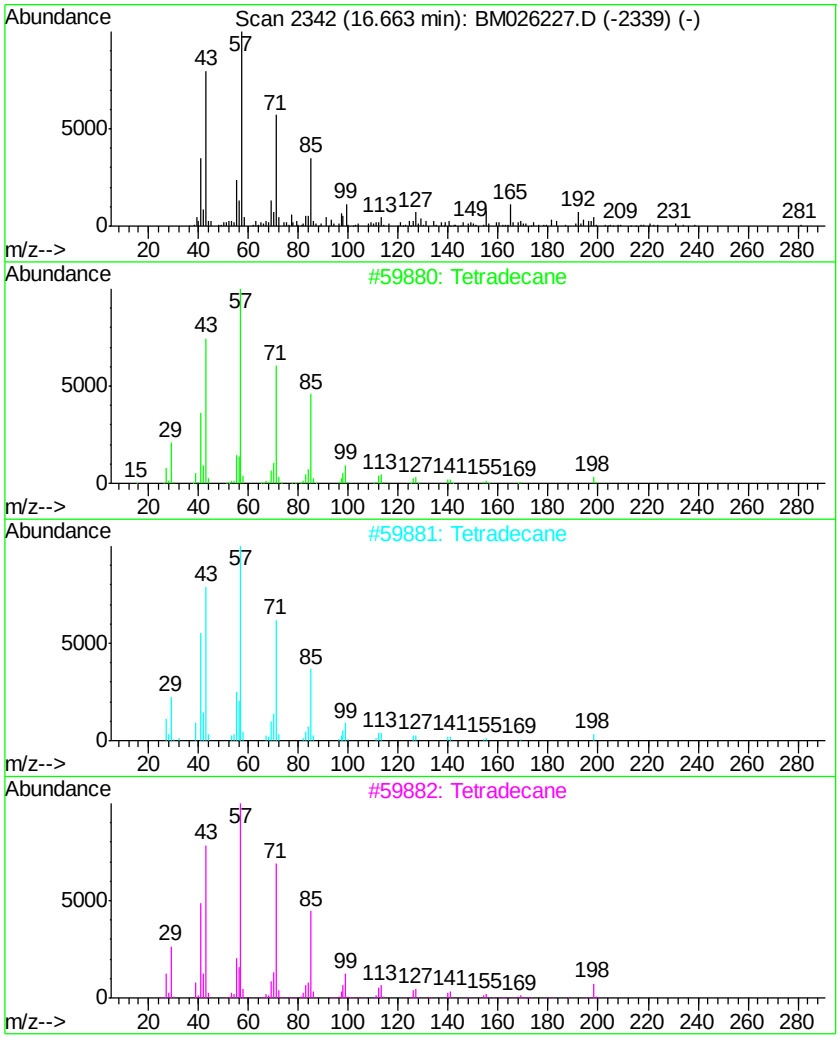
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

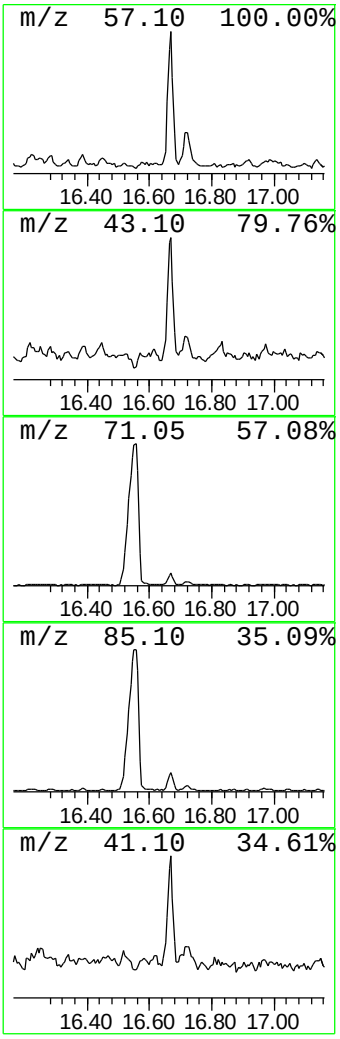
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.06 ng/ul	241617	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Tetradecane	198	C14H30	000629-59-4	72
3	Tetradecane	198	C14H30	000629-59-4	70
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

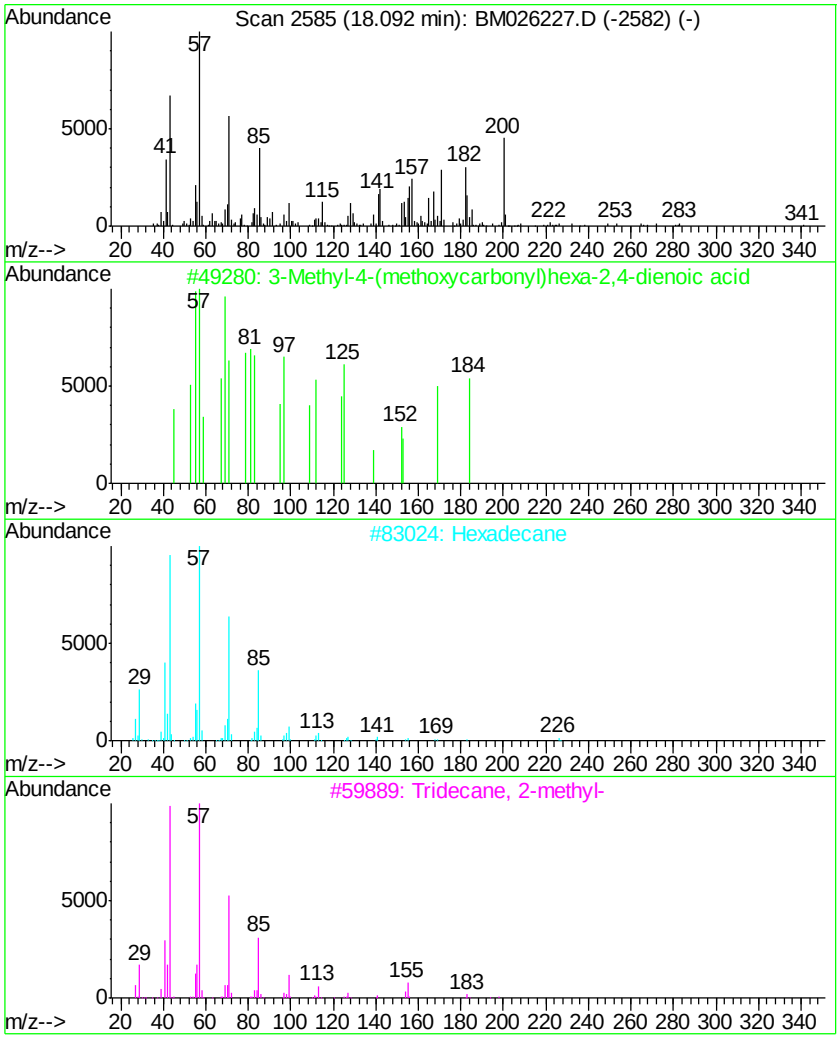
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

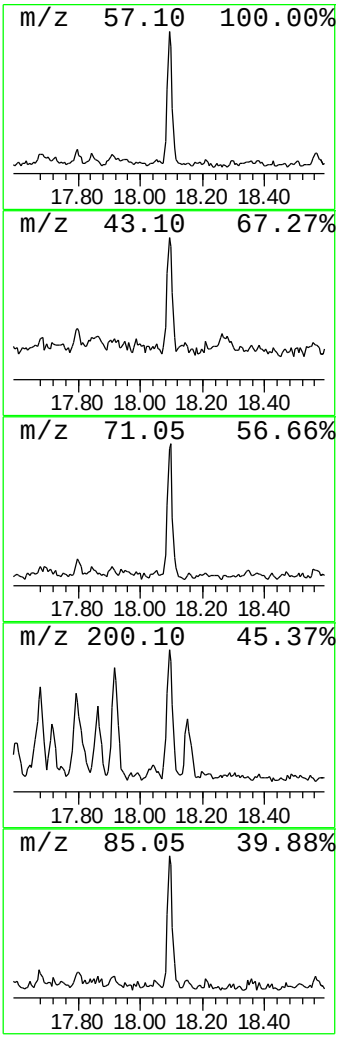
****

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.23 ng/ul	176537	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Hexadecane	226	C16H34	000544-76-3	30
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	30
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	30
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026227.D
Acq On : 02 Jun 2020 14:33
Operator : JU/CG
Sample : L2829-10DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5CE3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2(1H)-Naphthaleno...	12.05	3.0	ng/ul	178350	2	10.23	1185960	20.0
Phenol, 2,3,4,5-t...	14.67	12.2	ng/ul	1009390	3	14.12	1659750	20.0
(DEL) Alkane: Str...	15.01	2.1	ng/ul	172399	3	14.12	1659750	20.0
(DEL) Alkane: Str...	15.42	3.0	ng/ul	247468	3	14.12	1659750	20.0
(DEL) Alkane: Str...	15.87	2.2	ng/ul	174771	4	16.87	1581640	20.0
(DEL) Alkane: Str...	16.66	3.1	ng/ul	241617	4	16.87	1581640	20.0
3-Methyl-4-(metho...	18.09	2.2	ng/ul	176537	4	16.87	1581640	20.0